UCLA team

Katsushi Arisaka (PI, DOE)

Nicola Canci, Postdoc

Hanguo Wang (PI, NSF)

Alden Fan, Graduate student

Emilija Pantic, Researcher, (now UCDavis, PI)

Yury Suvorov, Postdoc

Andrew Renshaw, Postdoc

Yi Wang, Graduate Student (IHEP, Beijing)

Katsushi Arisaka, Professor
High Energy, Astroparticle, and
Neurophysics

DOE PI at UCLA

Direct Detection of Dark Matter.
(Xe/Ar)

Hadron Collider Experiment.

Neurophysics.

Photon Sensor Development

on DarkSide Since 2010

Nicola Canci
(supported by DOE)

Based at LNGS on
DarkSide
TPC, Cryogenics,
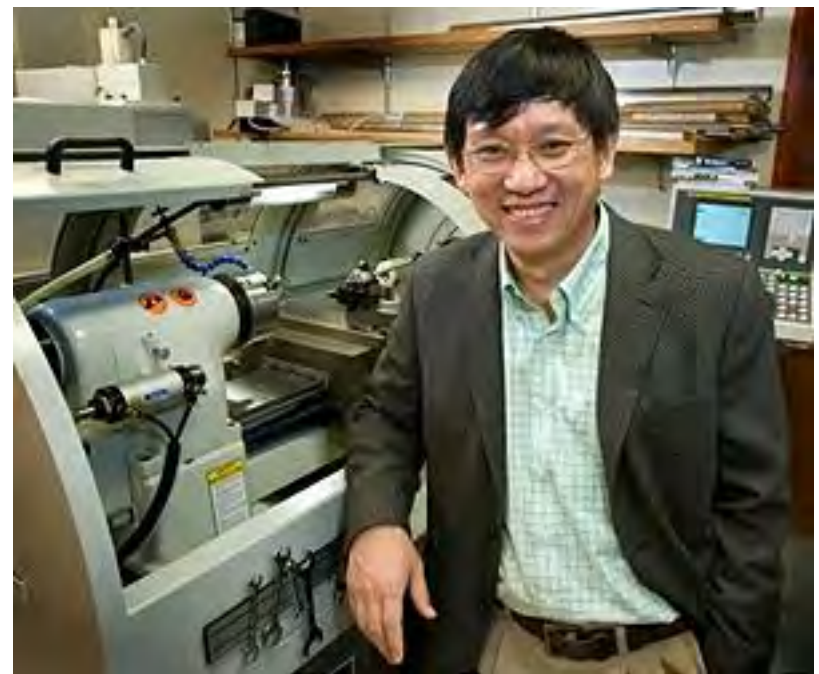Analysis, Shift, R&D

Hanguo Wang (NSF PI)

Research Interest:

Dark Matter Search using liquid noble gas, Xe, Ar

Neutrino Physics: using liquid argon

Experiments involved in the Past and present:

OPAL at LEP, CERN (1986-1988);
ICARUS (1989-2013);
ZEPLIN II (1998-2008); LUX
(2006-2008); XENON (2008 – present);
DarkSide (2010 – present); SCENE
LBNE; CAPTAIN; - very large Argon TPC

R&D focus at UCLA:

- TPC Design
- High Voltage system
- Noble Gas Cryogenics system
- Noble Gas handling system
- Photo sensor development

Dr. Emilija Pantic
Researcher at UCLA
July 2011 – Dec 2013
(50% on DarkSide, High Voltage)

Now **Prof. UC Davis (PI, NSF)**
100% on DarkSide

Postdoctoral Researcher

Dr. Yury Suvorov

Based at LNGS since
Jan, 2012 - now

Too many to list, more to come

Dr. Andrew Renshaw

Start April 2014

Task: TBD, SiGHT development

Graduate Students

Alden Fan

Third year graduate student Working on analysis, off line code development

G2 S2 study, Mapping S1 and S2 properties under all conditions Detector first run April 2014

Yi Wang (IHEP, Beijing)

Two Year Visiting UCLA
to work on SiGHT, SCENE, DarkSide